

**What is claimed is:**

1. A method for preparing (S)-(-)-amlodipine, comprises dissolving racemic amlodipine and L-(+)-tartaric acid in an organic solvent containing 2-butanone to yield (S)-(-)-amlodipine-L-(+)-tartrate precipitate by reaction; separating the precipitate; recrystallizing the precipitate by using a lower alcohol solvent to obtain a solid; adding a lower alkyl halide into the solid and the resulting solution is neutralized by an aqueous alkali to give (S)-(-)-amlodipine.  
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2. The method for preparing (S)-(-)-amlodipine according to claim 1, wherein said organic solvent is 2-butanone or mixture of 2-butanone with a cosolvent.
- 10 3. The method for preparing (S)-(-)-amlodipine according to claim 2, wherein said cosolvent is selected from the group consisting of methanol, ethanol, n-butanol, acetone, 2-pentanone, ethyl ether, methyl ethyl ether, ethyl acetate, ethyl formate, dichloromethane and chloroform.
4. The method for preparing (S)-(-)-amlodipine according to claim 1, wherein the  
15 molar ratio of racemic amlodipine to L-(+)-tartaric acid is 1:0.25~0.8.
5. The method for preparing (S)-(-)-amlodipine according to claim 4, wherein the molar ratio of racemic amlodipine to L-(+)-tartaric acid is 1:0.5.
6. The method for preparing (S)-(-)-amlodipine according to claim 1, wherein said  
lower alcohol solvent is selected from the group consisting of ethanol, methanol  
20 and isopropanol.
7. A method for preparing (R)-(+)-amlodipine, comprises dissolving racemic amlodipine and D-(-)-tartaric acid in an organic solvent containing 2-butanone to yield (R)-(+)-amlodipine-D-(-)-tartrate precipitate by reaction; separating the precipitate; recrystallizing the precipitate by using a lower alcohol solvent to obtain a solid; adding a lower alkyl halide into the solid and the resulting solution  
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is neutralized by an aqueous alkali to give (R)-(+)-amlodipine.

8. The method for preparing (R)-(+)-amlodipine according to claim 7, wherein said organic solvent is 2-butanone or mixture of 2-butanone with a cosolvent.
9. The method for preparing (R)-(+)-amlodipine according to claim 8, wherein said  
5 cosolvent is selected from the group consisting of methanol, ethanol, n-butanol, acetone, 2-pentanone, ethyl ether, methyl ethyl ether, ethyl acetate, ethyl formate, dichloromethane and chloroform.
10. The method for preparing (R)-(+)-amlodipine according to claim 7, wherein the molar ratio of racemic amlodipine to D-(-)-tartaric acid is 1:0.25~0.8.
- 10 11. The method for preparing (R)-(+)-amlodipine according to claim 10, wherein the molar ratio of racemic amlodipine to D-(-)-tartaric acid is 1:0.5.
12. The method for preparing (R)-(+)-amlodipine according to claim 7, wherein said lower alcohol solvent is selected from the group consisting of ethanol, methanol and isopropanol.

